



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4305-041
Job Sheet 200736



Part No: D4305-041

Job Qty: 8 pcs

Part Name: Shoulder Harness Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/17/19

Job Tracking No:

Created By: Marie Lajeunesse

Due Date: 10/11/19

Description:

Note: DWG REV E SHEET 1 IPP Rev:A 11.03.01 new issue DD verf:EC IPP REV:B 13.04.08 AS PER DWG REV.D DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Purchasing <i>AmSafe</i>	8 pcs		10/11/19	0.00	0.00	Purchasing - 1	
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	8 pcs		10/11/19	0.00	0.00	Packaging 2 - 1 - B4B	<i>DP</i> OCT 24 2019
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	<i>DP</i> OCT 24 2019
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S225914



Part: D4305-041

Job No: 200736

Serial No/Batch: S225914

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 10/24/19

					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
					QC 6 - 9	
120 QC 6	8 pcs	10/11/19	0.00 0.00		QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	
					QC 6 - 81	
130 Packaging 3-1 - Stock - B4B	8 pcs	10/11/19	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
140 QC 21 - SA	8 pcs	10/11/19	0.00 0.00		QC 21 - SA - 21	
					QC 21 - SA - 70	
					QC 21 - SA - 53	

OCT 2 4 2019

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51469

OCT 2 8 2019

Part Op 100 - Purchasing - Issue P/O: _____ Supplier: AMSAFE inc, P#4181-2-191-2396
 Descriptions: 110 - Receive & Inspect for Damage & Mat'l Certs
 120 - QC6- All purchased or subcontracted products
 130 - Identify as per dwg & Stock Location: _____
 140 - QC21- Final Inspection - Work Order Release

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
4181-2-191-2396	Shoulder Harness W/ Buckle Assembly D4305-041	8 pcs (1 ea)	100-Purchasing	5225913

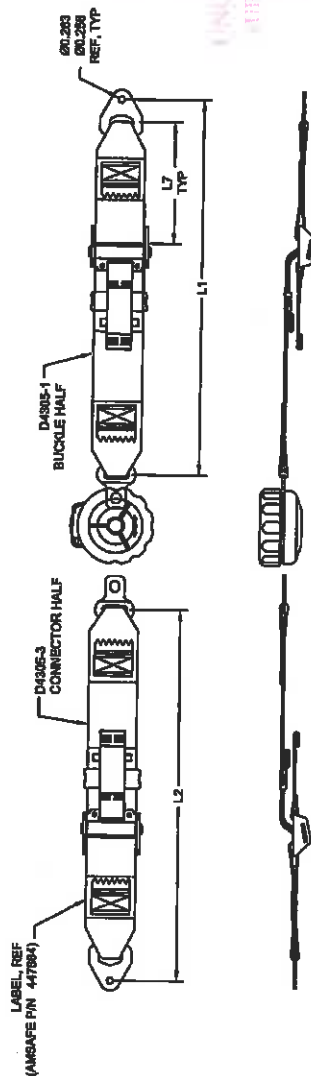
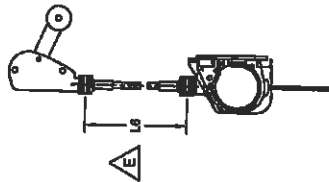
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	4181-2-191-2396	8	0	0

Part Specifications
Specifications could not be found.

Plex 9/17/19 11:36 AM Dart.lajeunesse.marie

SPECIFICATION CONTROL DRAWING

DART P/N	VENDOR P/N	DESCRIPTION	VENDOR	L1	L2	L3	L4	L5	L6	L7	L8
D4305-1	4181-2011912398	BUCKLE HALF	AMSAFE	30.00						6.50	
D4305-3	4181-2061912398	CONNECTOR HALF	AMSAFE		30.00					5.50	
D4305-5	4181-2071912398	SHOULDER HARNESS	AMSAFE			40.00	103.00	41.00	22.00		4.00-22.00



200736413
19-09-77

REV.	DESCRIPTION	DATE
A	NEW ISSUE	15.07.06
B	REVERSED ORIENTATION OF ADJUSTER ASSEMBLIES ON D4305-1 AND D4305-3. L1 & L2 WERE 24.00. L3 WAS L5 AND WAS 18.00. L8 ADDED. L5 WAS L3 AND WAS 30.00. UPDATE AMSAFE PART NUMBERS.	12.07.03
C	5.50 WAS 4.00. L3 WAS 49.00. L4 WAS 4.00 - 28.00	12.07.03
D	ADD D4305-043. REF. PART 2-288	13.07.21
E	ADD D4305-045. REF. PART 2-288. REVERSE DIMENSIONS TO BE SIMILAR TO AMSAFE DRAWING	15.07.06

D4305-041 SHOULDER HARNESS

- NOTES:**
- 1) PURCHASE: AMSAFE INC. P/N: 4181-2-191-2398
4 POINT SHOULDER HARNESS WITH BUCKLE ASSEMBLY
MEETS REQUIREMENTS OF TSO-C114
CHROME HARDWARE PLATING AND BLACK WEBBING
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART OSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: USE PLASTIC ENGRAVED TAGS AND LABEL PER FAR 21.607 TO CONTAIN THE FOLLOWING AT MINIMUM:
MANUFACTURER P/N: 4181-2-191-2398
CUST P/N: D4305-041
RATED: 3000 LBS DATE OF MFG
CONFORMS TO FAA TSO-C114
 - 7) WEIGHT: 3.4 lbs

RELEASED
R 2017-03-06
ECN 17-533

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. DSC-D4305
REV. E
SHEET 1 OF 3
SCALE
TITLE SHOULDER HARNESS
NTS

DATE 15.07.06

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐																															
Date : _____		Sequence #: _____		QTY Affected : _____		MRB (QS1042) _____																													
Description Work Order Deviation				Disposition																															
				Completed By																															
				Lead hand / Supervisor																															
				QC / QA Coordinator																															
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY <table border="1"> <tr> <td>Pressure/Forced</td> <td>Contamination</td> <td>Power Loss/Surge</td> <td>Positioned Wrong</td> </tr> <tr> <td>Bending</td> <td>Misaligned/off center</td> <td>Folio/Program</td> <td>Outside Tolerance</td> </tr> <tr> <td>Crushing</td> <td>BOM/Route</td> <td>Grain Direction</td> <td>Drawing</td> </tr> <tr> <td>Cracks</td> <td>Broken/Damage/Defect</td> <td>Weld</td> <td>Finish</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave/Twist</td> <td>Incomplete/Unclear Instructions</td> <td>Wrong Stock Pulled</td> <td>Part Lost/Missing</td> </tr> <tr> <td>Marks/Chatter</td> <td>Drill Holes</td> <td>Out of Sequence</td> <td>Misread</td> </tr> <tr> <td>Mislabeled</td> <td>Fit/Function</td> <td>Off-set/Set-up</td> <td></td> </tr> </table>						Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong	Bending	Misaligned/off center	Folio/Program	Outside Tolerance	Crushing	BOM/Route	Grain Direction	Drawing	Cracks	Broken/Damage/Defect	Weld	Finish	Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing	Marks/Chatter	Drill Holes	Out of Sequence	Misread	Mislabeled	Fit/Function	Off-set/Set-up	
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		Other/Details:																																	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044551



Supplier: AMS002-VU
Amsafe Inc.
1043 North 47th Avenue
Phoenix, AZ 85043 USA
Phone: 602 850 2850
Fax: 602-278-3479

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044551
PO Date: 9/20/19
Due Date: 10/11/19
Purchase Order Revision:
Revision Date:
Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com
Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

E-MAILED
2019-09-20

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	200736	4181-2-191-2396			Shoulder Harness W/ Buckle Assembly D4305-041 As Per Dwg DSC-D4305 Rev. E	Firmed	-	10/11/19	8 pcs	0 pcs	8 pcs	\$900.05/pcs	\$7,200.40
Grand Total:													\$7,200.40

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

[Handwritten signature]

Plex 9/20/19 10:43 AM Dart.Guerin.Kimberley

AmSafe

1043 NORTH 47th AVENUE
PHOENIX, AZ 85043
PH (602)850-2850 FAX (602)850-2812

SHIPPER

CUSTOMER NO.
10006113

SALES ORDER NO.
S419456

BOL NO.
000559861

DATE PRINTED
10/21/19

PAGE NO.
1

DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY
HAWKESBURY, ON K6A 1K7
Canada

DART AEROSPACE LTD.
1270 ABERDEEN ST
HAWKESBURY,, ON K6A 1K7
Canada



Ship to ID: 10006125

CUSTOMER ORDER NO.
POHB044551

TERMS
NET30

FREIGHT
COLLECT

SHIP VIA
FedEx Intl Economy

F.O.B.
ORIGIN

Sales Order Remarks: 1517-9324-0

Remarks:

QUALITY CLAUSES:
A004, A005, A012, A016, A017, A026, A040,
A041, A042, A043
DART HOLDS STC CERTIFICATE AN IS ALLOWED TO PURCHASE NON PMA PARTS

SHIPMENT REFERENCE 000559861

LINE	ITEM NUMBER / DESCRIPTION	DRAWING AND CERTIFICATIONS	DUE DATE	QTY ORDERED	QTY SHIPPED	QTY BACK ORDERED
1	4181-2-191-2396 REST SYS ASSY W/IR	DRAWING: 4181 REV: U CERT: TSO-C114 Lot/Serial Numbers Shipped Quantity S419456-1	2019-10-22	8 Expire Ref.	8	0

AmSafe Authorized Signature: X

Printed Name:

Stephanie Turner

OCT 21 2019

Dated: / /

COUNTRY OF ORIGIN USA

I certify that the article(s) listed below:

- *Conforms to all applicable drawing dimensions and specifications.
- *(If applicable) Meets the requirements of FAR 25.853 (a) Compartment Interiors.
- *(If applicable) Conforms to British CAA specifications.
- *(If applicable) All parts/materials are certified new, conform to the design data, and are in airworthy condition.
- *Meets all the requirements of TSO-C114.
- *The parts/materials reflected herein were produced under a FAA approved Manufacturing and Quality Assurance system/methods as set in FAR Part 21 Sub-Part O, Para. 21.601.
- *The conditions and tests required for TSO approval of this article are minimum performance standards.
- *It is the responsibility of those installing this article either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the TSO standard.
- *TSO articles must have separate approval for installation in an aircraft. The article may be installed only if performed under 14 CFR part 43 or applicable airworthiness requirements.
- *For the latest copy of the CMM/SMM, please log onto www.amsafeaviation.com

CUSTOMER NAME: DART AEROSPACE**SALES ORDER NO. S419456**

Line	Purchase Order No.	Am-safe Part No.	Rev.	Lot No.	Customer Part No.	Rev.	Dated Code	Quantity
1	POHB044551	4181-2-191-2396	U	N/A	NONE	-	A1019	8

**DAS
40
9-89**

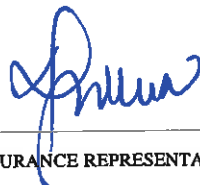
This document is the property of the customer and should remain with the articles listed above.

PLEASE DELIVER TO THE QUALITY ASSURANCE DEPARTMENT

REMARKS:

NEW

AMSAFE INC
1043 NORTH 47th. AVENUE
PHOENIX, ARIZONA 85043 USA
PHONE: (602) 850-2850 FAX:(602) 850-2812


QUALITY ASSURANCE REPRESENTATIVE


DATE

CUSTOMER

1. Approving Civil Aviation Authority/Country: FAA/United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: S419456 - 1- M
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4. Organization Name and Address: AmSafe, Inc. 1043 North 47th Avenue Phoenix, Arizona 85043	Cert. No. PT1967NM	5. Work order/Contract/Invoice Number: S419456 - 1 PAGES ATTACHED 0
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	REST SYS ASSY W/IR	4181-2-191-2396	8	N/A	NEW

12. Remarks: Drawing: 4181
Rev: U
TSO: TSO-C114
DATE CODE: A1019

13a. Certifies the items identified above were manufactured in conformity to:

☒ Approved design data and are in a condition for safe operation

☐ Non-approved design data specified in Block 12.

14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

~~Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.~~

13b. Authorized Signature: <i>Maria Uribe</i>	13c. Approval/Authorization No.: ODA602112NM	14b. Authorized Signature	14c. Authorized/Certificate No.
13d. Name (typed or printed): MARIA URIBE	13e. Date (dd/mm/yyyy): 21/OCT/2019	14d. Names (typed or printed)	14e. Date (dd/mm/yyyy):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

COPY

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: S419456 - 1 - M	
4. Organization Name and Address: AmSafe, Inc. 1043 North 47th Avenue Phoenix, Arizona 85043				5. Work order/Contract/Invoice Number: S419456 - 1 PAGES ATTACHED		
6. Item:		7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1		REST SYS ASSY w/IR	4181-2-191-2396	8	N/A	NEW
12. Remarks: Drawing: 4181 Rev: U TSO: TSO-C114 DATE CODE: A1019						
13a. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 12.			14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: <i>Maria Uribe</i>		13c. Approval/Authorization No.: ODA602112NM		14b. Authorized Signature		14c. Authorized/Certificate No.
13d. Name (typed or printed) MARIA URIBE		13e. Date (dd/mm/yyyy): 21/OCT/2019		14d. Names (typed or printed)		14e. Date (dd/mm/yyyy):
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						